

Tobias Grossmann, PhD

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EDUCATION

2012	Habilitation, Venia Legendi, Psychology	Heidelberg University
2006	Dr. rer. nat. (Ph.D.), Psychology	Max Planck Institutes for Human Cognitive and Brain Sciences and Evolutionary Anthropology
2002	Diplompsychologe (M.Sc.), Psychology	University of Leipzig

ACADEMIC EMPLOYMENT

2020 -	Full Professor	University of Virginia Department of Psychology
2016 - 2020	Associate Professor	University of Virginia Department of Psychology
2014 - 2016	Assistant Professor	University of Virginia Department of Psychology
2012 - 2016	Research Group Leader	Max Planck Institute for Human Cognitive and Brain Sciences
2008 - 2011	Sir Henry Wellcome Fellow	Birkbeck, University of London
2006 - 2007	Postdoctoral Research Fellow	Birkbeck, University of London

RESEARCH GRANTS *only includes grants over \$ 10,000*

- 2022-2023 **Alexander von Humboldt Foundation (AvH)**
Friedrich Bessel award
\$ 45,160 [PI]
- 2021-2022 **Brain Institute Transformative Neurodevelopment Pilot Grant (UVA)**
Social and neural mechanisms of early cooperative behavior
\$ 34,750 [Co-PI]
- 2021-2022 **3Cavaliers-Vice President for Research (UVA)**
Neurobiological correlates for listener perception of speech errors secondary to cleft palate
\$ 60,000 [Co-PI]
- 2020-2023 **National Science Foundation (NSF)**
The developmental origins of social interaction processing in the human brain
\$ 574,827 [Principal Investigator]
- 2020-2022 **National Institute on Child Health and Human Development (NICHD)**
Empathy development in infancy and adolescence: The role of attachment
\$ 134,508 [Principal Investigator] NRSA, F32
- 2019-2022 **Democracy Initiative (UVA)**
Statecraft Lab
\$ 1,415,518 [Core Faculty]
- 2016-2022 **German Research Foundation (DFG)**
Crossing borders- Language, cognition and the brain in early human development
\$ 5,550,000 [Mercator Fellow]
- 2017-2021 **National Science Foundation (NSF)**
Epigenetic influences on the early development of social brain functions
\$ 560,415 [Principal Investigator]
- 2019-2021 **Brain Institute Transformative Neuroscience Pilot Grant (UVA)**
Investigating the role of the microbiome in early brain and behavioral development
\$ 30,000 [Principal Investigator]
- 2019-2021 **Brain Institute Transformative Neuroscience Pilot Grant (UVA)**
Brain signal entropy and oxytocin receptor epigenetics: Neurobiological markers of social developmental variability
\$ 30,000 [Co-PI]
- 2017-2020 **National Science Foundation (NSF)**
Developmental and brain origins of social regulation of emotion in infancy
\$ 138,000 [Principal Investigator] GSRF
- 2018-2020 **Dannon Foundation**
The influence of the gut microbiome on infant brain and behavioral development
\$ 25,000 [Principal Investigator]
- 2018-2020 **Paul and Lilah Newton Brain Science Award (MIT)**
The cognitive and neural bases of emotion understanding in young infants
\$ 70,000 [Collaborator]
- 2016-2017 **Dean of Arts and Sciences Seed Funding Award (UVA)**
Epigenetic changes in social behavior
\$ 150,000 [Co-PI]
- 2012-2016 **Max Planck Society (Germany)**
Developing social minds - A neuroscience perspective
\$ 1,664,000 [Principal Investigator]
- 2007-2011 **Wellcome Trust (United Kingdom)**
The role of prefrontal cortex in the development of uniquely human social cognition
\$ 500,000 [Principal Investigator]

SELECTED HONORS AND AWARDS

2022	Friedrich Wilhelm Bessel Award, Alexander von Humboldt Foundation
2020	Research Collaboration Award, University of Virginia
2018	Fellowship Award, Association of Psychological Science
2015	Mercator Fellow, German Research Foundation
2013	Visiting Scholar, Israel Institute for Advanced Studies
2012	Early Career Award, International Society on Infant Studies
2011	Early Career Award, Society for Research in Child Development
2007	Fellowship Award, Biology of Social Cognition, Medical Research Council
2007	Sir Henry Wellcome Fellowship Award, Wellcome Trust

PUBLICATIONS

Peer Reviewed Journal Articles [citations = 7413; h-index = 43; i10-index = 79; Google Scholar 8/25/2022]

Out of the 90 journal publications 29 are first author- and 48 are last author- (PI/supervisor) publications.

* Signifies supervised graduate student or postdoctoral author

2022 and in press

[90] **Grossmann, T.** (in press). The human fear paradox: Affective origins of human cooperative care. *Behavioral and Brain Sciences*.

[89] Stern, J.* , Kelsey, C.M.* , Krol, K.M.* , & **Grossmann, T.** (in press). Maternal recognition of positive emotion predicts sensitive parenting in infancy. *Emotion*.

[88] Farris, K.* , Kelsey, C.M.* , Krol, K.M.* , Thiele, M., Hepach, R., Haun, D.B.M. & **Grossmann, T.** (2022). Processing third-party social interactions in the human infant brain. *Infant Behavior & Development*, 68, 101727.

[87] Chajes, J.R.* , Stern, J.* , Kelsey, C.M.* , & **Grossmann, T.** (2022). Examining the role of socioeconomic status and maternal sensitivity on functional brain network connectivity in 5-month-old infants: An fNIRS study. *Frontiers in Human Neuroscience*, 16, 892482.

[86] Chajes, J.R.* , **Grossmann, T.**, & Vaish, A. (2022). Fairness takes time: Development of cooperative decision-making in fairness contexts. *Journal of Experimental Child Psychology*, 216, 105334.

[85] **Grossmann, T.** (2022). Becoming uniquely human? Comparing chimpanzee to human infancy. *Developmental Science*, 25, e13142.

2021

[84] Thrasher, C.* , Krol, K.M.* , & **Grossmann, T.** (2021). Mother's engagement with infant linked to infant's responding to threat. *Developmental Psychobiology*, 63, 22224.

[83] **Grossmann, T.,** & Dela Cruz, K.L.* (2021). Insights into the uniquely human origins of understanding other minds. *Behavioral and Brain Sciences*, 44, E155.

[82] Krol, K.M.* , Namaky, N., Monakov, M.V., Lai, P.S., Ebstein, R. & **Grossmann, T.** (2021). Genetic variation in the oxytocin system and its link to social motivation in human infants. *Psychoneuroendocrinology*, 131, 105290.

[81] Kelsey, C.M.* , Farris, K.* , & **Grossmann, T.** (2021). Variability in infants' functional network connectivity is associated with differences in affect and behavior. *Frontiers in Psychiatry*, 685754.

[80] **Grossmann, T.** (2021). Developmental origins of the pathway for social perception. *Trends in Cognitive Sciences*, 25, 546-547.

[79] Haynes, K.T.* , Kelsey, C.M.* , & **Grossmann, T.** (2021). Probing infants' sensitivity to pupil size when viewing eyes. *Infancy*, 26, 291-302.

[78] Kelsey, C.M.* , Prescott, S., McCulloch, J.A., Trinchieri, G., Valladares, T., Dreisbach, C., Alhusen, J. & **Grossmann, T.** (2021). Gut microbiota composition is associated with newborn functional brain connectivity and behavioral temperament. *Brain, Behavior & Immunity*, 91, 472-486.

[77] Thrasher, C. * , & **Grossmann, T.** (2021). Children's emotion perception in context: The role of caregiver touch and relationship quality. *Emotion*, 22, 273-282.

2020

[76] Krol, K.M.* , & **Grossmann, T.** (2020). Impression formation in the human infant brain. *Cerebral Cortex Communications*, 1, 1-11.

[75] Jessen, S.* , & **Grossmann, T.** (2020). The developmental origins of subliminal face processing. *Neuroscience & Biobehavioral Reviews*, 116, 454-460.

[74] Puglia, M. H.* , Krol, K.M. * , Missana, M.* , Williams, C.L. * , Morris, J.P., Connelly, J.J., & **Grossmann, T.** (2020). Epigenetic tuning of brain signal entropy in emergent human social behavior. *BMC Medicine*, 18(1), 244.

[73] **Grossmann, T.**, Missana, M. * , & Vaish, A. (2020). Helping, fast and slow: Exploring intuitive cooperation in early ontogeny. *Cognition*, 196: 104144.

[72] Jessen, S. * , & **Grossmann, T.** (2020). Neural evidence for the impact of trustworthiness on object processing in a gaze-cueing task in 7-month-old infants. *Social Neuroscience*, 15, 74-82.

2019

[71] Krol, K.M. * , Moulder, R.G., Lillard, T.S., & **Grossmann, T.**,& Connelly, J.J. (2019). Epigenetic dynamics in infancy and the impact of maternal engagement. *Science Advances*, 16, eaay0680.

[70] Kelsey, C.M.* & **Grossmann, T.** (2019). A call for mapping the microbiota-gut-brain axis during human infancy. *Behavioral and Brain Sciences*, 42, e74.

[69] Krol, K.M. * , Puglia, M. H. * , Morris, J.P., Connelly, J.J., & **Grossmann, T.** (2019). Epigenetic modification of the oxytocin receptor gene is associated with emotion processing in the infant brain. *Developmental Cognitive Neuroscience*, 37, 100648.

[68] Kelsey, C.M.* , Krol, K.M. * , Kret, M.E., & **Grossmann, T.** (2019). Infants' brain responses to pupillary changes in others are affected by race. *Scientific Reports*, 9, 4317.

[67] Jessen, S. * , & **Grossmann, T.** (2019). Neural evidence for the subliminal processing of facial trustworthiness in infancy. *Neuropsychologia*, 126, 46-53.

2018

- [66] Altvater-Mackensen, N.* & **Grossmann, T.** (2018). Modality-independent recruitment of inferior frontal cortex during speech processing in human infants. *Developmental Cognitive Neuroscience*, 34, 130-138.
- [65] **Grossmann, T.**, Missana, M., & Krol, K.M.* (2018). The neurodevelopmental precursors to altruistic behavior in infancy. *PLOS Biology*, 16:e2005281.
- [64] Kelsey, C.M.*, Dreisbach, C.N., Alhusen, J.L., & **Grossmann, T.** (2018). A primer on investigating the role of the microbiome in brain and cognitive development. *Developmental Psychobiology*. [Epub ahead of print]
- [63] Kelsey, C.M. *, Vaish, A., & **Grossmann, T.** (2018). Eyes, more than other facial features, enhance real-world donation behavior. *Human Nature*, 29, 390-401.
- [62] Krol, K.M. *, & **Grossmann, T.** (2018). Psychological effects of breastfeeding on mothers and children. *Bundesgesundheitsblatt*, 61, 977-985.
- [61] Vaish, A., Hepach, R., & **Grossmann, T.** (2018). Desire understanding in 2-year-old children: An eyetracking study. *Infant Behavior & Development*, 52, 22-31.
- [60] Kelsey, C.M. *, **Grossmann, T.**, & Vaish, A. (2018). Early reputation management: Three-year-old children are more generous following exposure to eyes. *Frontiers in Psychology*, 9: 698.
- [59] Krol, K.M. *, Monakhov, M., Lai, P.S., Ebstein, R., Heinrichs, M. & **Grossmann, T.** (2018). Genetic variation in the maternal oxytocin system affects cortisol responsiveness to breastfeeding in infants and mothers. *Adaptive Human Behavior and Physiology*, 4, 248-263.

2017

- [58] Jessen, S. *, & **Grossmann, T.** (2017). Exploring the role of spatial frequency information during neural emotion processing in human infants. *Frontiers in Human Neuroscience*, 11: 486.
- [57] **Grossmann, T.** (2017). How to build a helpful baby: A look at the roots of prosociality in infancy. *Current Opinion in Psychology*, 20, 21-24.
- [56] Vaish, A., Kelsey, C.M. *, Tripathi, A. *, & **Grossmann, T.** (2017). Attentiveness to eyes predicts generosity in a reputation-relevant context. *Evolution and Human Behavior*, 38, 729-733.
- [55] Missana, M. *, Altvater-Mackensen, N. *, & **Grossmann, T.** (2017). Neural correlates of infants' sensitivity to vocal expressions in peers. *Developmental Cognitive Neuroscience*, 26, 39-44.
- [54] **Grossmann, T.** (2017). The eyes as windows into other minds: An integrative perspective. *Perspectives on Psychological Science*, 12, 107-121.
- [53] **Grossmann, T.**, & Jessen, S.* (2017). When in infancy does the 'fear bias' develop? *Journal of Experimental Child Psychology*, 153, 149-154.
- [52] Altvater-Mackensen, N. *, Jessen, S. *, & **Grossmann, T.** (2017). Brain responses reveal that infants' face discrimination is guided by statistical learning from distributional information. *Developmental Science*, 20, e12393.

2016

- [51] Jessen, S. *, & **Grossmann, T.** (2016). Neural and behavioral evidence for infants' sensitivity to the trustworthiness of faces. *Journal of Cognitive Neuroscience*, 28, 1728-1736.
- [50] Hepach, R., Vaish, A., **Grossmann, T.**, & Tomasello, M. (2016). Young children want to see others get the help they need. *Child Development*, 87, 1703-1714.
- [49] Rajhans, P. *, Altvater-Mackensen, N. *, Vaish, A., & **Grossmann, T.** (2016). Children's altruistic behavior in context: The role of emotional responsiveness and culture. *Scientific Reports*, 6, 24089.
- [48] Jessen, S. *, Altvater-Mackensen, N. *, & **Grossmann, T.** (2016). Pupillary responses reveal infants' discrimination of facial emotions independent of conscious perception. *Cognition*, 150, 163-169.
- [47] Altvater-Mackensen, N. *, & **Grossmann, T.** (2016). The role of left inferior frontal cortex during audiovisual speech perception in infants. *NeuroImage*, 133, 14-20.
- [46] Altvater-Mackensen, N. *, Mani, N., & **Grossmann, T.** (2016). Audiovisual speech perception in infancy: The influence of vowel identity and infants' productive abilities on sensitivity to (mis)matches between auditory and visual speech cues. *Developmental Psychology*, 52, 191-204.
- [45] Rajhans, P. *, Jessen, S. *, Missana, M. *, & **Grossmann, T.** (2016). Putting the face into context: Body expressions impact facial emotion processing in human infants. *Developmental Cognitive Neuroscience*, 19, 115-121.
- [44] Jessen, S. * & **Grossmann, T.** (2016). The developmental emergence of unconscious fear processing from eyes in infancy. *Journal of Experimental Child Psychology*, 142, 334-343.

2015

- [43] **Grossmann, T.** (2015). The development of social brain functions during infancy. *Psychological Bulletin*, 141, 1266-1287.
- [42] Krol, K.M. *, Monakhov, M., Lai, P.S., Ebstein, R., & **Grossmann, T.** (2015). Genetic variation in *CD38* and breastfeeding experience interact to impact infants' attention to social eye cues. *Proceedings of the National Academy of Sciences of the United States of America*, 112, E5434-5442.
- [41] Rajhans, P. *, Missana, M. *, Krol, K.M. *, & **Grossmann, T.** (2015). The association of temperament and maternal empathy with individual differences in infants' neural responses to emotional body expressions. *Development & Psychopathology*, 27, 1205-1216.
- [40] Vaish, A., **Grossmann, T.**, & Woodward, A. (2015). Person-centered positive emotions, object-centered negative emotions: Two-year-olds generalize negative but not positive emotions across individuals. *British Journal of Developmental Psychology*, 33, 391-397.
- [39] Krol, K.M. *, Rajhans, P. *, Missana, M. *, & **Grossmann, T.** (2015). Duration of exclusive breastfeeding is associated with differences in infants' brain responses to emotional body expressions. *Frontiers in Behavioral Neuroscience*, 8: 459.
- [38] Jessen, S. * & **Grossmann, T.** (2015). Neural signatures of conscious and unconscious emotional face processing in human infants. *Cortex*, 64, 260-270.
- [37] Missana, M. * & **Grossmann, T.** (2015). Infants' emerging sensitivity to emotional body expressions: Insights from frontal asymmetrical brain activity. *Developmental Psychology*, 51, 151-160.
- [36] Missana, M. *, Atkinson, A. P., & **Grossmann, T.** (2015). Tuning the developing brain to emotional body expressions. *Developmental Science*, 18, 243-253.
- [35] Altvater-Mackensen, N. *, & **Grossmann, T.** (2015). Learning to match auditory and visual speech cues: Social influences on the acquisition of phonological categories. *Child Development*, 86, 362-378.

2014

- [34] Jessen, S.* & **Grossmann, T.** (2014). Unconscious discrimination of social cues from eye whites in infants. *Proceedings of the National Academy of Sciences of the United States of America*, 111, 16208-16213.
- [33] Krol, K.M.*, Kamboj, S., Curran, V. & **Grossmann, T.** (2014). Breastfeeding experience differentially impacts recognition of happiness and anger in mothers. *Scientific Reports*, 4: 7006.
- [32] Missana, M.*, Rajhans, P.*, Atkinson, A. P., & **Grossmann, T.** (2014). Discrimination of fearful and happy body postures in 8-month-old infants: An event-related potential study. *Frontiers in Human Neuroscience*, 8: 531.
- [31] Fairhurst, M.T.*, Löken, L., & **Grossmann, T.** (2014). Physiological and behavioral responses reveal 9-month-old infants' sensitivity to pleasant touch. *Psychological Science*, 25, 1124-1131.
- [30] Missana, M.*, Grigutsch, M., & **Grossmann, T.** (2014). Developmental and individual differences in the neural processing of emotional expressions of pain and anger. *PLOS One*, 9 : e93728.
- [29] Marschik, P.B., Tager-Flusberg, H., Kaufmann, W.E., **Grossmann, T.**, & Einspieler, C. (2014). Three different profiles: early socio-communicative capacities in typical Rett syndrome, the preserved speech variant and normal development. *Developmental Neurorehabilitation*, 17, 34-38.

2013

- [28] **Grossmann, T.**, Lloyd-Fox, S., & Johnson, M.H. (2013). Brain responses reveal young infants' sensitivity to when a social partner follows their gaze. *Developmental Cognitive Neuroscience*, 6, 155-161.
- [27] Bartl-Pokorny, K.D., Marschik, P.B., Sigafos, J., Tager-Flusberg, H., Kaufmann, W.E., **Grossmann, T.**, & Einspieler, C. (2013). Early socio-communicative forms and functions in typical Rett syndrome. *Research in Developmental Disabilities*, 34, 3133-8.
- [26] **Grossmann, T.** (2013). The role of prefrontal cortex in early social cognition. *Frontiers in Human Neuroscience*, 7:340.
- [25] **Grossmann, T.**, Vaish, A., Franz, J., Schroeder, R., Stoneking, M., & Friederici, A.D. (2013). Emotional voice processing: Investigating the role of genetic variation in the serotonin transporter across development. *PLOS One*, 8, e68377.
- [24] **Grossmann, T.** (2013). Mapping prefrontal cortex function in human infancy. *Infancy*, 18, 303-324.

2012

- [23] **Grossmann, T.**, Cross, E.S., Ticini, L.F., & Daum, M.M. (2012). Action observation in the infant brain: The role of body form and motion. *Social Neuroscience*, 8, 22-30.
- [22] **Grossmann, T.**, Missana, M.*, Friederici, A.D., & Ghazanfar, A.A. (2012). Neural correlates of multisensory perceptual narrowing. *Developmental Science*, 15, 830-839.
- [21] **Grossmann, T.** & Friederici, A.D. (2012). When during development do our brains get tuned to the human voice? *Social Neuroscience*, 7, 369-372.

2011

- [20] **Grossmann, T.**, Johnson, M.H., Vaish, A., Hughes, D., Quinque, D., & Friederici, A.D. (2011). Genetic and neural dissociation of individual responses to facial expressions of emotion in human infants. *Developmental Cognitive Neuroscience*, 1, 57-66.

2010

- [19] **Grossmann, T.**, Parise, E., & Friederici, A.D. (2010). The detection of communicative signals directed at the self in infant prefrontal cortex. *Frontiers in Human Neuroscience*, 4, 201.
- [18] **Grossmann, T.** & Johnson, M.H. (2010). Selective prefrontal cortex responses to joint attention in early infancy. *Biology Letters*, 6, 540-543.

[17] **Grossmann, T.**, Oberecker, R., Koch, S.P., & Friederici, A.D. (2010). The developmental origins of voice processing in the human brain. *Neuron*, 65, 852-858.

[16] **Grossmann, T.** (2010). The development of emotion perception in face and voice during infancy. *Restorative Neurology & Neuroscience*, 28, 219-236.

2009

[15] **Grossmann, T.**, Gliga, T., Johnson, M. H., & Mareschal, D. (2009). The neural basis of perceptual category learning in human infants. *Journal of Cognitive Neuroscience*, 21, 2276-2286.

[14] Johnson, M. H., **Grossmann, T.**, & Cohen Kadosh, K. (2009). Mapping functional brain development: Building a social brain through Interactive Specialization. *Developmental Psychology*, 45, 151-159.

2008

[13] **Grossmann, T.**, Johnson, M. H., Lloyd-Fox, S., Blasi, A., Deligianni, F., Elwell, C., & Csibra, G. (2008). Early cortical specialization for face-to-face communication in human infants. *Proceedings of the Royal Society B*, 275, 2803-2811.

[12] Vaish, A., **Grossmann, T.**, & Woodward, A. (2008). Not all emotions are created equal: The negativity bias in early social-emotional development. *Psychological Bulletin*, 134, 383-403.

[11] **Grossmann, T.** (2008). Shedding light on infant brain function: The use of near-infrared spectroscopy (NIRS) in the study of face perception. *Acta Paediatrica*, 97, 1156-1158.

[10] Johnson, M. H., **Grossmann, T.**, & Farroni, T. (2008). The social cognitive neuroscience of infancy: Illuminating the early development of social brain functions. *Advances in Child Development and Behavior*, 36, 331-364.

[9] Kobiella, A.*, **Grossmann, T.**, Striano, T., & Reid, V. M. (2008). The discrimination of angry and fearful facial expressions in 7-month-old infants: An event-related potential study. *Cognition & Emotion*, 22, 134-146.

2007

[8] **Grossmann, T.**, & Johnson, M. H. (2007). The development of the social brain in infancy. *European Journal of Neuroscience*, 25, 909-919.

[7] **Grossmann, T.**, Johnson, M. H., Farroni, T., & Csibra, G. (2007). Social perception in the infant brain: Gamma oscillatory activity in response to eye gaze. *Social Cognitive & Affective Neuroscience*, 2, 284-291.

[6] **Grossmann, T.**, Striano, T., & Friederici, A. D. (2007). Developmental changes in infants' processing of happy and angry facial expressions: A neurobehavioral study. *Brain & Cognition*, 64, 30-41.

2006

[5] Striano, T., Kopp, F., **Grossmann, T.**, & Reid, V.M. (2006). Eye contact influences neural processing of emotional expressions in 4-month-old infants. *Social Cognitive & Affective Neuroscience*, 1, 87-94.

[4] **Grossmann, T.**, Striano, T., & Friederici, A.D. (2006). Crossmodal integration of emotional information from face and voice in the infant brain. *Developmental Science*, 9, 309-315.

2003-2005

[3] **Grossmann, T.**, Striano, T., & Friederici, A.D. (2005). Infants' electric brain responses to emotional prosody. *NeuroReport*, 16, 1825-1828.

[2] Koelsch, S., **Grossmann, T.**, Gunter, T.C., Hahne, A., Schröger, E., & Friederici, A.D. (2003). Children processing music: Electric brain responses reveal musical competence and gender differences. *Journal of Cognitive Neuroscience*, 15, 683-693.

[1] Koelsch, S., Maess, B., **Grossmann, T.**, & Friederici, A.D. (2003). Electric brain responses reveal gender differences in music processing. *NeuroReport*, 14, 709-713.

Book Chapters

- Vaish, A., & **Grossmann, T.** (2022). Caring for others: The early emergence of sympathy and guilt. In S. Hart and D. F. Bjorklund (Eds.), *Evolutionary Perspectives on Infancy*. New York: Springer, pp. 349-69.
- Grossmann, T.** (2020). Early social cognition: Exploring the role of the medial prefrontal cortex. In J. Decety (Ed.), *The social brain: A developmental perspective*, Cambridge: MIT Press, pp. 67-87.
- Grossmann, T.,** & Johnson, M.H. (2013). The early development of the brain bases for social cognition. In K. Ochsner & S. Kosslyn (Eds.), *Oxford Handbook of Cognitive Neuroscience*, Oxford: Oxford University Press, pp. 257-271.
- Blakemore, S.J., Cohen Kadosh, K., Sebastian, C., **Grossmann, T.** & Johnson, M. H. (2013). Social development. In D. Mareschal, A. Tolmie, & B. Butterworth (Eds.), *Educational Neuroscience*. Oxford: Wiley-Blackwell, pp. 268-296.
- Grossmann, T.** (2012). The early development of processing emotions in face and voice. In P. Belin, S. Campanella, & T. Ethofer (Eds.), *Integrating face and voice in person perception*. Berlin: Springer Verlag, pp. 95-116.
- Grossmann, T.,** & Farroni, T. (2009). Decoding social signals in the infant brain: A look at eye gaze perception. In M. de Haan & M. Gunnar (Eds.), *Handbook of Developmental Social Neuroscience*. New York: Guilford Press, pp. 87-106.
- Grossmann, T.,** & Vaish, A. (2008). Reading faces in infancy: Developing a multiple-level-analysis of a social stimulus. In T. Striano & V. M. Reid (Eds.), *Social cognition: Development, neuroscience, and autism*. Oxford: Wiley-Blackwell, pp. 167-180.
- Csibra, G., Kushnerenko, E., & **Grossmann, T.** (2008). Electrophysiological methods in studying infant cognitive development. In C. A. Nelson & M. Luciana (Eds.), *Handbook of Developmental Cognitive Neuroscience* (2nd Edition). Cambridge: MIT Press, pp. 247-262.
- Koelsch, S., & **Grossmann, T.** (2003). Neurophysiologie der Musikwahrnehmung bei Kindern. In H.G. Bastian & G. Kreutz (Eds.), *Musik und Humanität*. Mainz: Schott, pp. 134-153.

INVITED TALKS

Department of Psychology, Heidelberg University, Germany, 2022

Department of Psychology, Hamburg University, Germany, 2022

Division of Human Communication, Development & Hearing, The University of Manchester, UK, 2022

German Research Foundation, Research Unit 'Crossing Borders', Max Planck Institute for Human Cognitive and Brain Sciences, Germany, 2021

Department of Pediatrics, School of Medicine, University of Virginia, USA, 2021

Department of Psychology, Trier University, Germany, 2021

Institute of Psychology, Bundeswehr University Munich, Germany, 2021

German Research Foundation, Research Unit 'Crossing Borders', Hamburg University, Germany, 2020

Department of Human Development and Family Studies, The Pennsylvania State University, USA, 2020

Leipzig Research Center for Early Child Development, University of Leipzig, Germany, 2020

Centre for Brain and Cognitive Development, Birkbeck, University of London, UK, 2019

Social and Brain Sciences Seminar, Department of Psychological and Brain Sciences, Dartmouth College, USA, 2019

Johannes Gutenberg University Mainz, Germany, 2018

Max Planck Institute for Human Cognitive and Brain Sciences, Germany, 2018

Department of Psychology, University of Konstanz, Germany, 2018

Simons Center for the Social Brain, Massachusetts Institute of Technology, USA, 2017

Department of Human Development, University of Maryland, USA, 2016

Neuroscience Graduate Program, University of Virginia, Medical School, 2016

Department of Psychology, Goethe University Frankfurt, Germany, 2016

Department of Psychology, University of Vienna, Austria, 2015

Department of Psychology, University of Maryland, USA, 2015

Institute for Child Development, University of Minnesota, USA, 2015

Department of Psychology, Virginia Tech, USA, 2014

Department of Developmental Psychology, University of Zürich, Switzerland, 2014

Department of Psychology, University of Konstanz, Germany, 2013

The Institute for Advanced Studies, Hebrew University of Jerusalem, Israel, 2013

Anna Freud Centre, University College London, UK, 2013

Department of Psychology, University of Virginia, USA, 2012

Department of Psychology, Technical University Dresden, Germany, 2012

Central Institute for Mental Health, Mannheim, Germany, 2011

Department of Psychology, Eberhard Karls University Tübingen, Germany, 2011

Donders Institute, Nijmegen, Netherlands, 2011

Department of Human Development, Cornell University, USA, 2011

Department of Psychology, Boston University, USA, 2011

Department of Psychology, University of Glasgow, UK, 2010

Department of Psychology, Stanford University, USA, 2010

Department of Psychology, University of Virginia, USA, 2010

Wolfson Research Institute, Durham University, UK, 2010

Institute for Psychology, Hungarian Academy of Sciences, Hungary, 2010

Neuroscience Colloquium, Hamburg University, Germany, 2009

Volkswagenstiftung 'The Social Brain', Heidelberg University, Germany, 2009

Department of Psychology, Ludwig-Maximilians University Munich, Germany, 2008

Department of Developmental and Comparative Psychology, Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany, 2008

School of Psychology, University of Portsmouth, UK, 2008

MRC Cognition and Brain Sciences Unit, Cambridge, UK, 2007

CNRS Hôpital de la Salpêtrière, Paris, France, 2007

Department for Lifespan Psychology, Max Planck Institute for Human Development, Berlin, Germany, 2007

Department for Evolutionary Cognitive Science, University of Tokyo, Japan, 2006

Centre for Brain and Cognitive Development, Birkbeck College, London, UK, 2005

Donders Centre for Neuroimaging, Nijmegen, Netherlands, 2003

TEACHING AND ADVISING

Courses Taught

University of Virginia (since 2014)

Introduction to Child Psychology (PSYC 2700, Undergraduate Lecture, 350 students)

Infant Development (PSYC 3490, Undergraduate Lecture, 150 students)

Uniquely Human Social Cognition (PSYC 4607, Undergraduate Seminar, 20 students)

The Social Brain in Infancy (PSYC 7330, Graduate Seminar)

Developing Minds (PSYC 7559, Graduate Seminar)

Heidelberg University (2009 - 2014)

Social Neuroscience (Undergraduate)

Educational Neuroscience (Undergraduate)

Developmental Cognitive Neuroscience (Undergraduate)

Developmental Social Neuroscience (Advanced Undergraduate)

University of Leipzig (1997 - 2003)

Evolution and Human Behavior (Undergraduate, co-taught with C. Tennie)

Cognitive Neuroscience of Language and Music (Undergraduate, co-taught with A. Friederici and S. Koelsch)

Statistics (Teaching Assistant)

Supervision

Postdoctoral fellows at the University of Virginia

Kathleen Krol (2016 -2019) *NIH-funded Research Training Fellowship in Neuroendocrinology

Jessica Stern (2019 -) *NRSA NICHD Award

Graduate students at the University of Virginia

Meghan Puglia (2013 - 2019) *NICHD NRSA Fellowship, now Ass. Prof UVA Medical School

Caroline Kelsey (2015 - 2020) *Jefferson Scholar, now Postdoc Harvard Medical School

Catherine Thrasher (2016 - 2021) *NSF Graduate Research Fellowship Awardee

Johanna Chajes (2018 -)

Kenn Dela Cruz (2020 -)

Olivia Allison (2022 -)

Sophie Clayton (2022 -)

Selected Honor's thesis (Distinguished major's project) students at the University of Virginia

Anand Tripathi (2015 - 2016) completed with high honors

Natalie Noble (2017-2018) completed with high honors

Demitra Chavez (2018 - 2019) completed with high honors

Kate Haynes (2018- 2019) completed with high honors

Postdoctoral fellows at the Max Planck Institute for Human Cognitive and Brain Sciences

Sarah Jessen (2013 - 2016), now Assistant Professor at University of Luebeck

Nicole Altvater-Mackensen (2012 - 2016), now Assistant Professor at University of Mainz

Merle Fairhurst (2012 - 2013), now Associate Professor at University of Munich

PhD Students at the Max Planck Institute for Human Cognitive and Brain Sciences and Heidelberg University

Manuela Missana (2012 - 2015), now Postdoc University of Leipzig

Kathleen M. Krol (2012 - 2016), now Research Scientist at UVA

Pruva Rajhans (2012 - 2016), now Research Scientist at Nestle

PROFESSIONAL SERVICE

Ad-hoc Journal Reviewer

Archives of Disease in Childhood, Brain Topography, British Journal of Developmental Psychology, Biological Psychology, Brain and Behavioral Sciences, Brain and Cognition, Cerebral Cortex, Child Development, Cognition, Cognitive, Affective and Behavioral Neuroscience, Current Biology, Developmental Cognitive Neuroscience, Developmental Neurobiology, Developmental Psychobiology, Developmental Psychology, Developmental Review, Developmental Science, Early Human Development, Emotion, Evolutionary Psychology, Frontiers in Human Neuroscience, Human Behavior and Evolution, Human Brain Mapping, Infancy, Infant Behavior and Development, Journal of Cognition and Development, Journal of Cognitive Neuroscience, Journal of Experimental Child Psychology, Journal of Neuroscience, NeuroImage, Neuron, Neuropsychologia, Neuroscience, PLOS Biology, PLOS One, PNAS, Psychological Bulletin, Proceedings of the Royal Society B, Psychological Science, Psychophysiology, Social, Cognitive and Affective Neuroscience, Social Neuroscience, Trends in Cognitive Sciences

Editorial Board

Cognition (2021-)

Developmental Review (2019-)

Infancy (2018-)

PLOS Biology (2020-)

Conference Submission and Award Reviewer

Society for Research in Child Development, International Congress on Infant Studies

Grant Reviewer

Binational Science Foundation (BSF, Israel/USA)

Deutsche Forschungsgesellschaft (German Science Foundation, Germany)

Economic and Social Research Council (ESRC, UK)

Israel Science Foundation (ISF, Israel)

Leverhulme Trust (UK)

National Science Foundation (NSF, USA) *Member, College of Reviewers in Developmental Science

Social Sciences and Humanities Research Council (SSHRC, Canada)

Swiss National Science Foundation (SNF, Switzerland)

SELECTED POPULAR PRESS

U.S. Media

NPR, TIME, U.S. News Health, Wall Street Journal.

Foreign Media

Aeon, Nature, Daily Mail, Deutschlandfunk, El Pais, New Scientist, NRC Handelsblad, Psychologie heute, Spiegel, Times of India, Telegraph, The Hindu.